

Digital conductivity sensor Memosens CLL47E

Memosens 2.0 four-electrode sensor for laboratory and sample measurement in the field with wide measuring range



More information and current pricing:

www.endress.com/CLL47E

Benefits:

- Wide range of measurement allows for analysis of many different samples
- Precise adjustment and reliable measurement with a quality certificate stating individual cell constant
- Easy to clean thanks to seamless design
- Solid platinum electrodes provide easy maintenance and long lifetime
- Benefit from Memosens 2.0 technology with implemented cell constant, true plug and play and traceable calibration history
- Integrated temperature sensor for automatic temperature compensation
- Supports the requirements of quality management with tamper-proof data storage including serial number and calibration history

Specs at a glance

- **Measurement range** 5 $\mu\text{S}/\text{cm}$ to 200 mS/cm
- **Process temperature** 0 to 100 $^{\circ}\text{C}$ (32 to 212 $^{\circ}\text{F}$)
- **Process pressure** 1 bar, not intended for continuous measurement in process

Field of application: Memosens CLL47E is the four-electrode conductivity sensor for random sampling and measurements in the laboratory. It merges easy handling with plug and play system with effortless cleaning thanks to the seamless design. With its platinum electrodes and wide measuring range, a large variety of samples can be covered while delivering reliable measurements right at the measuring point.

Features and specifications

Conductivity

Measuring principle

Conductive

Application

Measurements where a broad conductivity measurement range in one system is needed

Characteristic

Digital Memsoens 2.0 conductive conductivity sensor with four platinum electrodes for a broad measuring range.

Measurement range

5 μ S/cm to 200 mS/cm

Material

Stainless steel, ceramic, platinum

Dimension

Diameter: 12 mm (0.47 inch)

Shaft length: 120 mm (4.72 inch)

Process temperature

0 to 100 °C (32 to 212 °F)

Process pressure

1 bar, not intended for continues measurment in process

Temperature sensor

Pt1000

Connection

Inductive, digital connection head with Memosens 2.0 technology

Ingres protection

IP68

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